

The state of Magnetars

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The launch of the Fermi mission has enabled critical improvements in the field of magnetars, in particular with the Gamma-ray Burst Monitor, which is a all sky high-energy transient detector (8 keV - 40 MeV). In the last six years, the instrument has detected emission from 8 sources, and co-discovered two in synergy with the Swift mission. I will present the 5-year GBM magnetar results, focusing on the burst emission properties (spectral and temporal) per source as well as comparisons across sources.